

Conservative Party Directorate Issues First  
Statement Since Elections.

2 pp

EL SIGLO, Bogota, 7 June 1974, p 1.  
JPRS 62443

Ocampo, Luis Prieto

Negotiations for Acquisition of Choco Mines Almost  
Over.

2 pp

EL SIGLO, Bogota, 8 June 74, p 6.

JPRS 62443

Goehler, Eberhard

Civil Engineering Problems in the Construction  
of a Second Track, 7 pp.

SIGNAL UND SCHIENE, East Berlin, Dec 73, pp 401-  
403.

JPRS 61483

Apr 74

High Railroad Official Interviewed on Technical  
Developments, 5 pp.  
SIGNAL UND SCHIENE, East Berlin, Apr 74,  
pp 111-113.  
JPRS 62444

Oct 74

Geelen, A. van

The quantitative problems in silvering flat  
glass.

SILICATES INDUSTRIELS, Vol. 35, n. 4, 1970,

p. 97-109

FRC 72-11581-118

Jarrige, A.

Fly Ash. A comparison of the Characteristic of  
Ungraded Ash and those of its separated Fractions as  
a Research Instrument

SILICATES INDUSTRIELS, v. 36, n. 12, 1971, p. 285-296

NTC 73-11987-11B

NLL 5205.9 (1682)

Crochet, M. J.

Study of Thermal Stresses during the Annealing of  
a Glass Sheet.

SILICATES INDUSTRIELS, v. 37, n. 4, 1972, pp. 101-106  
NTC72-12726-11B

O. P. Mtschedlow-Petrossian

Investigation of the setting process through  
pH value measurement.

SILIKATTECHNIK, Vol 17, pp 205,209, 1966

NTC 72-15142-11B

mar 73

Schulle, W. et al

The Effect of the Type and Method of Lime Ad-  
dition on the Properties of Silica Products,  
SILIKATTECHNIK, 1968, Vol.19, No.12, pp.393-96.  
BISI 12010

Filling, G.

Air preheating in glass-melting furnaces.  
Part II. Air preheaters and preheater combinations.  
SILIKATTECHNIK, Vol. 21, n. 12, 1970, p. 410-  
414  
NTC 73-11039-11B

ZIMMERMANN, L.

Stabilization of the Separation Rates in  
Electroseparators after Cement Milling by means of Water  
Injection.

SILIKATTECHNIK, vol. 22, pp. 407-409, 1971  
NTC 73-10127-07A

March 73

W. D. HAMISCH

The Production of Float Glass.  
SILIKATTECHNIK, Vol 23, pp 59-61, 1972.  
NTC 73-10125-11B

Mar 73

1973-1975 Glass Industry Tasks Outlined,  
9 pp.  
GERMAN, per, Silikattechnik, East Berlin,  
Jan 73, pp 3-6.  
JPRS 58545

Apr 73

SOLIDIFICATION OF GLASS THROUGH LIQUID HARDEN  
ING

PAWLUSCHKIN N M LANGUAGE-GE COUNTRY-GE

SILIKATTECHNIK 24 1973 NO 6 PP 186-189  
T7

FSTC-HT-23-0018-75

Industrial Use of Natural Gas Detailed, 6 pp.  
SILIKATTECHNIK, East Berlin, May 74, p 151.  
JPRS 62772

Nov 74

CORBA, J.  
//SILIKATY//  
--/-/1972, V0016, N----,  
The Determination of Quartz, Tridymite and  
Cristobalite in Dinasic Bricks by the X-Ray  
Diffraction Method,  
pp 325-330, NTC 74-10442-11B@G

Highway Construction Plans Reviewed, by Josef  
Dykast, 7 pp.  
GOVERNMENT USE ONLY  
CZECH, per, Silnicni Obzor, Prague, No 3, 1973,  
pp 65-68, 93.  
JPRS/L 4526

May 73

Machart, Milan

Highway Construction Plans Reviewed, 10 pp.  
GOVERNMENT USE ONLY  
SILNICNI OBZOR, Prague, No 4, 1973, pp 97-99.  
JPRS/L 4571

Jul 73

Benda, Petr

GOVERNMENT USE ONLY

Prague Outer Beltway Plans Detailed.

23 pp

SIINICNI OBZOR, Prague, No 7, July 1973, pp 197-  
204.

JPRS/L 4737

MAKAL'SKIY. L. M.  
"/SIL'NYYE ELEKTRICHESKIYE POLYA V TEKHNO-  
LOGICHESKIKH PROTSESSAHH ELEKTRONNOIONNAYE//  
--/-/1971, V----, N0002  
Experimental study of charging of particles 0.2-4  
mm in size by ions of air 16 pp  
Op 95-108 AIR/FTD/HC-23-1647-74##

REQ, TR CHECK

14-05-73

T743

THE PROPULSION PLANTS OF VERTICAL TAKE-OFF  
AND LANDING AIRCRAFT

PAVLENKO, V F

UR: SILOVYYE USTANOVKI LETATEL'NYKH  
APPARATOV VERTIKAL'NOGO VZLETA I POSADKI,  
1972, 283 pages

*Present in a*

*MT73 - 24-0715*

Kallio, T.

Butt rot in a spruce stand.  
SILVA FENNICA, 1972, pp 39-51, v. 6, n. 1.  
NRC C-12081

Agency: USDA/Forest Exp. Station  
P.O.No. SE-74-63-9

9020/0933  
10 Oct. 73

Title: I. Verteilung der Genotypen über die Population  
dargestellt als Markoff-Kette

II. Verwandtschaftsgrad & Inzuchtgrad von Pflanzen  
an speziellen Stellen im Bestand

Author: H.R.Gregorius

Source: Silvae Genetica 22, 1-2-, 1973 pp30-35

Genetische Strukturen von endlichen Pflanzenpopulation

Konstanter Grosse,

Languages: German

Instructions: Single space, no paste-up, leave space,  
translate all captions. DO NOT CUT ORIGINAL COPY.

DIETZE, W.  
//SILVAE GENETICA//  
---/1973, V0022, N----, pp 0154-0162  
Freeze drying and storage of pollen from  
various tree species  
NTC 74-13668-02F  
#

Bir, G.L. & Pikus, G.E.  
SIMMETRIYA I DEFORMATSIONNYE EFFEKTY V POLUPROVODNIKAKH  
( Symmetry and Deformation Effects in Semiconductors )  
Izdatel'stvo "Nauka", Glavnaya Redaktsiya Fiziko-  
Matematicheskoi Literatury, Moscow, 1972 584 pp  
P.R.

\*IPST 13 Feb 1973

July 1973

AGENCY: ACSI 9244/2900  
P.O. #: K-404 17 March 75  
Title: Symmetry of Nature & the Nature of Symmetry  
SOURCE: SIMMETRIYA PRIRODY I PRIRODA  
          SIMMETRII  
AUTHOR: Yu. A. URMANTSEV fpr 2 - 233  
Language: Russian  
Instructions: Please translate and type on plain  
              bond, 8" X 10 $\frac{1}{2}$ ", single-spaced.  
              Document may be cut for paste-ups.  
              Type single space, paginate.

Agency: AEC/Tenn.  
P.O. No. P.O.No. P01-74-20

9319/1801  
17 June 1974

Title: Uranium Deposits in the French Central Massif

Author: Jacques Geffroy

Source: Symposium :Géologie, geomorphologie et structure  
profonde du Massif Central français. pp501-529, 1972

Language: French

Instructions: Type single space. All paste-up, camera ready  
inter-rated copy. Do not paginate.

Tsybakov, E. S.

Coding an information source that is continuous  
in amplitude but discrete in time.

SIMPOZIUM PO PROBLEMY IZETYOCHNOSTI V INFORMAT-  
SIJONNAKH SISTEMAKH (NO. 4). DOKLADY, Vol. 1,  
1970, p. 641-650. N72-27207

NTC 72-11393-09B

Keijzer, A.

*Simulated Investigation concerning the chances of  
Surviving 24 hours by wearing certain types of flight  
Suits during a simulated survival at Sea 31 pp*  
SIMULATIE ONDERZOEK NAAR DE 24 UURS OVERLEVINGSKANS  
BIJ HET DRAGEN VAN ENKELE SOORTEN VLIEGERKLEDING  
TIJDENS EEN GESIMULEERDE SEA-SURVIVAL, June, 1971, p. 1-30  
AIR/FTD-HC-23-560-74

Radioisotope Testing of Wear of Rail and Tire, by  
Otto-Erdos Laszlo Szebedy.  
SÍN ES KEREKABRONCS KOPÁSANAK LABORATORIUMI VIZSGALATA  
KISMINTAKON RADIÓIZOTÓPOS MERESTECHNIKAI MODSZERREL,  
1969, pp 149-163.

\*USDOT/FRA

Available at NTIS TT 73-55100

Apr 73

Radioisotope Testing of the Wear of Wheel and Tire, by  
Otto-Erdos Laszlo Szebedy.

SIN ES KEREKABRONCS KOPASANAK LABORATORIUMI VIZSGALATA  
KISMINTAKON RADIOIZOTOPOS MERESTECHNIKAI MODSZERREL , II,  
1970, pp 159-176.

\*USDO/FRA

Available at NTIS TT 73-55101.

Apr 73

Siregar, T. H.

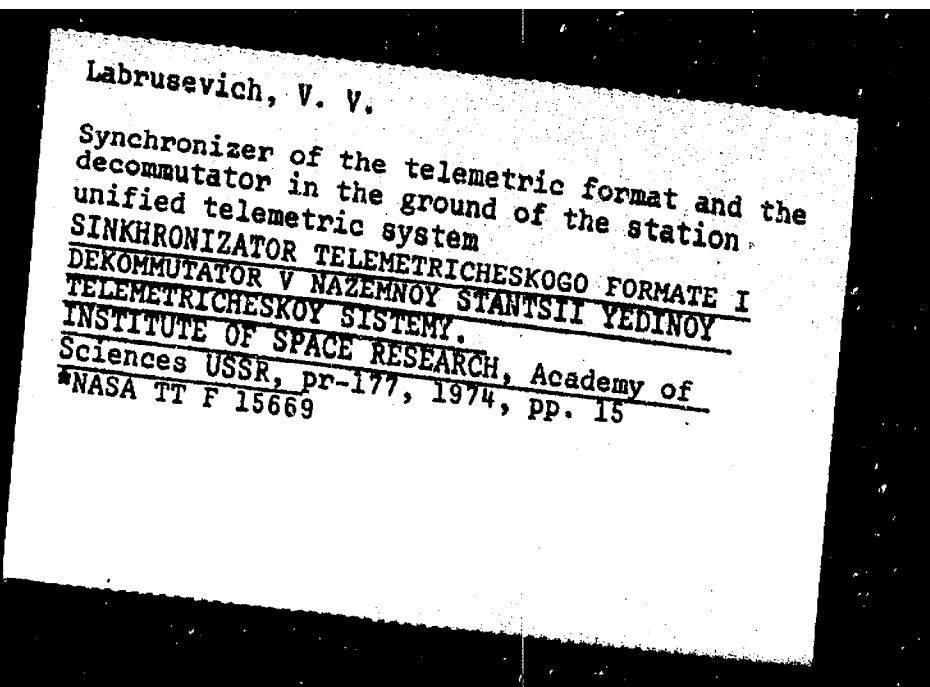
Law of the Sea Discussed, 6 pp.  
SINAR PARAFAN, Jakarta, 21 May 74, no 1, 12.  
JPRS 62339

Sep 74

Visit to Portuguese Timor, 8 pp.  
SINAR HARAPAN, Jakarta, 24 May 74, pp 1, 12.  
JPRS 62390

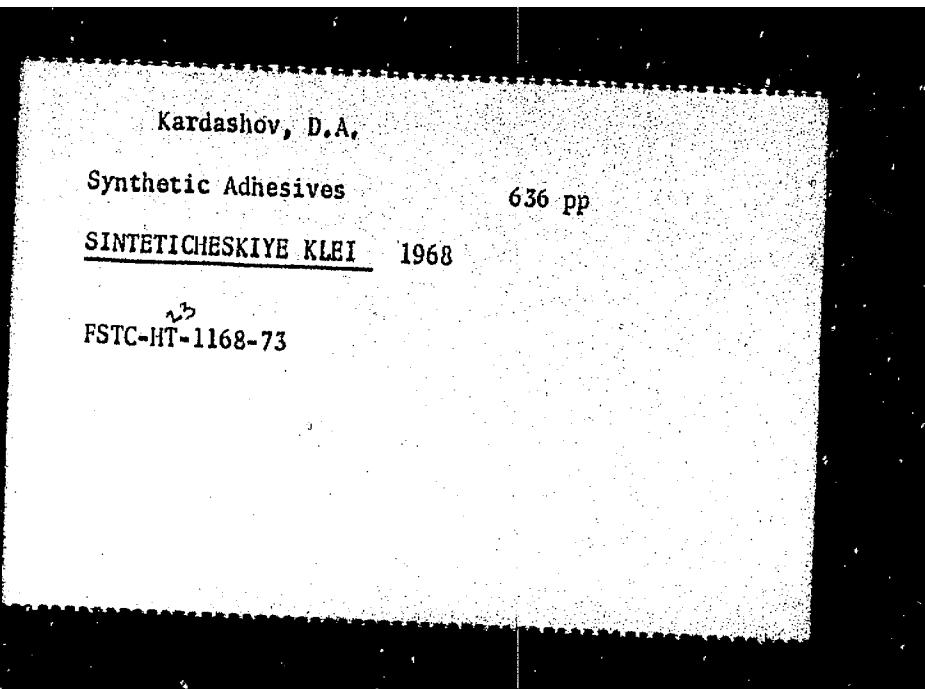
Sep 24

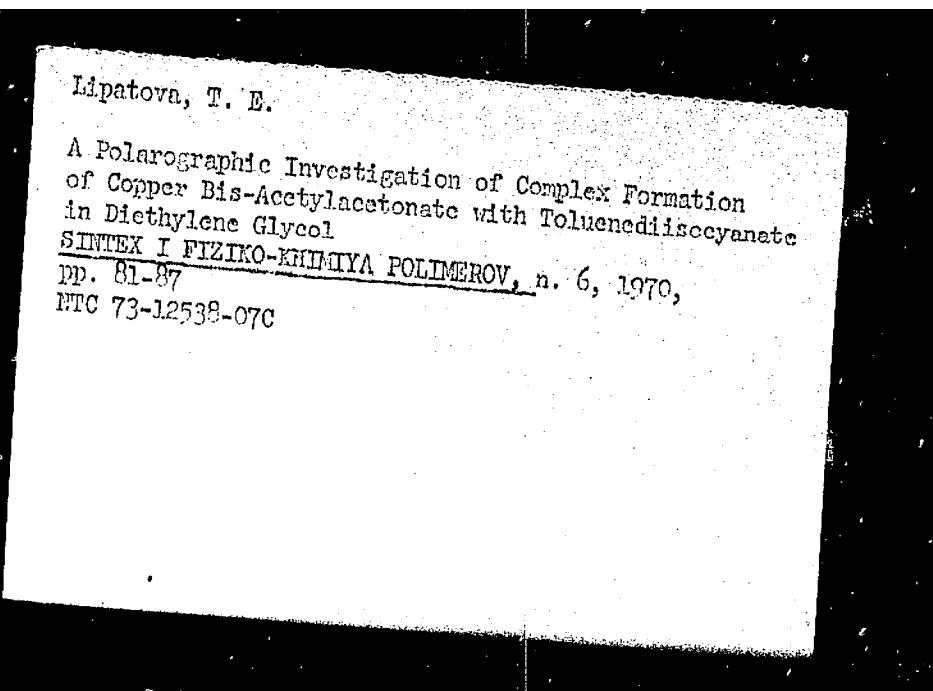
UNIDENTIFIED  
//SIUAR HARAPAN//  
28/10/1974, V----, N----, pp 0001  
also pp 2, 12  
Report From Portuguese Timor 12 pp  
JPRS 63429  
"



Value of Open Literary Debate Defended, 9 pp.  
SINN UND FORM, East Berlin, Nov/Dec 73,  
pp 1277-1288.  
JPRS 61300

Mar 74





Kukshin, A. N.

Investigation of the adhesion of polyurethane  
coatings to metals and glass.  
SINTETIČKI FIZIKO-KINIČKA POLIMEROV, n. 7, 1970,  
p. 120-124  
NTC 70-11336-11C

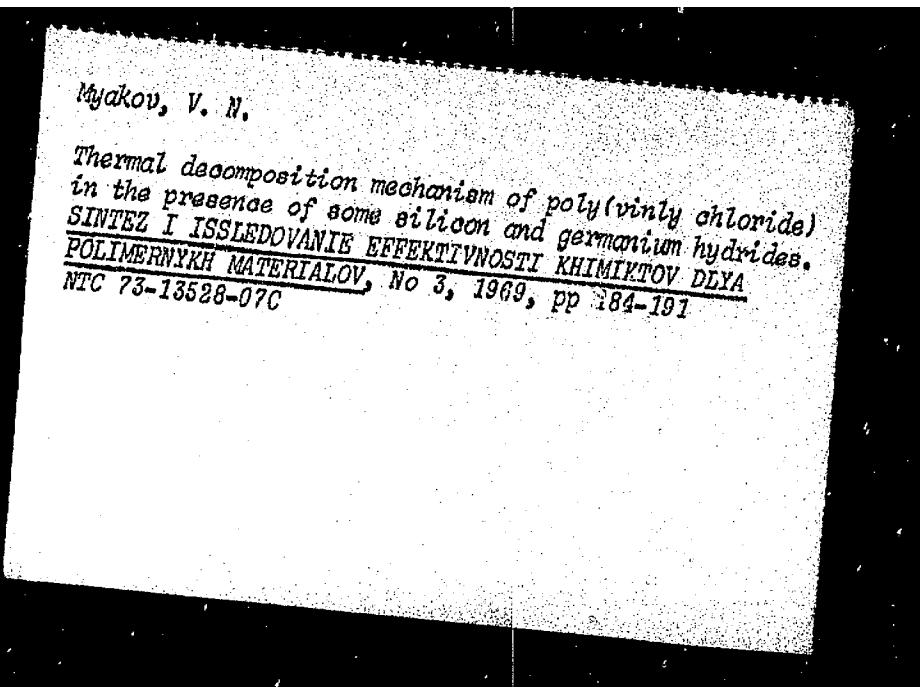
Lopov, I. A.

On changes in the intrinsic viscosity of linear polyurethane solutions in dimethylformamide upon heating.

SINTEZ I FIZIKO-KHIMIYA POLIMEROV, n. 8, 1971,  
p. 127-130  
HTC 73-11237-11E

NEDUZHIT, I. A.  
//SINTEZ I FIZIKO-KHIMIYA POLIMEROV//  
--/-1971, V----, NO009,  
Specific Heat Capacity and Thermal Conductivity  
of Polycaprolactam Fibers with Various Degrees  
of Drawing,  
pp 73-76, NTC 74-10544-11B@@

SMETANKINA. N. P.  
//SINTEZ I FIZIKO KHIMIYA POLIMEROV AN UKRSSR//  
---/---/1973, V----, N0011  
Carofunctional organosilicon compounds XV  
investigations of the polymerization of  
carbofunctional organosilicon diisocyanates  
7 pp  
pp 115-119, AIR/FTD/HT-23-1369-74#



BURMISTROV, E. F.  
//SYNTEZ I ISSLEDOVANIE EFFEKTIVNOSTI STABILIZATOROV  
Dlya POLIMERNYKH MATERIALOV//  
--/--/1970, V----, N0004,  
Results of Research Work Done in the Years 1966-1969  
on Synthesis of Chemicals for Polymers,  
PP 3-12, NTC 74-11252-11100

Pavlenko, V. F.

The power plants of vertical takeoff and landing  
aircraft 323 pp  
SIOLOVIYE USTANOVKI LETATEL'NYKH APPARATOV VERTIKAL'  
NOGO VZLETA I POSADKI, 1972, pp. 1-283  
AIR/FID-MT-24-715-74

AGENCY: NBS  
P.O. No. 502582

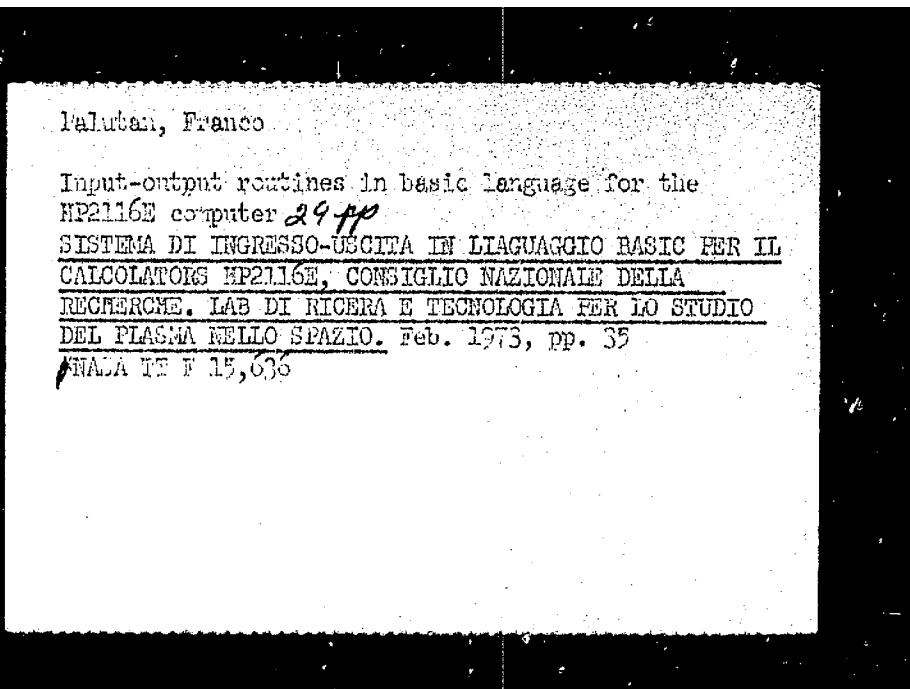
9448/2149  
26 Aug 74

TITLE: Seminario "Sistema De Normalizacion Y Metrologia  
Para America Latina" Sistema De Informacion  
Nacional (SINA)

La Paz, June 1974 Ing. Reynaldo Salgueiro P., ANCB-CNES

Language: Spanish

Instructions: Please translate and furnish one copy.  
Paginate.



RODE, A. A.  
//SISTEMA METODOV ISSLEDOVANIYA V POCHVOVEDENII/  
--/---, V----, N----  
System of research methods in soil science  
pp 9-79 English pp  
Full translation Agriculture research Service  
Avail Ly Serials#

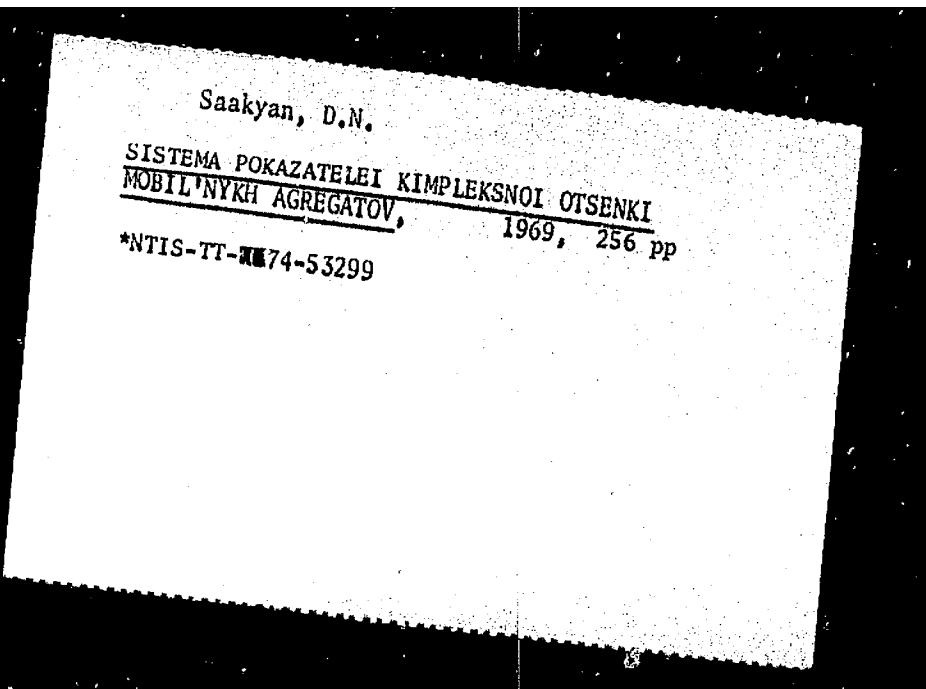
Rode, A.A.

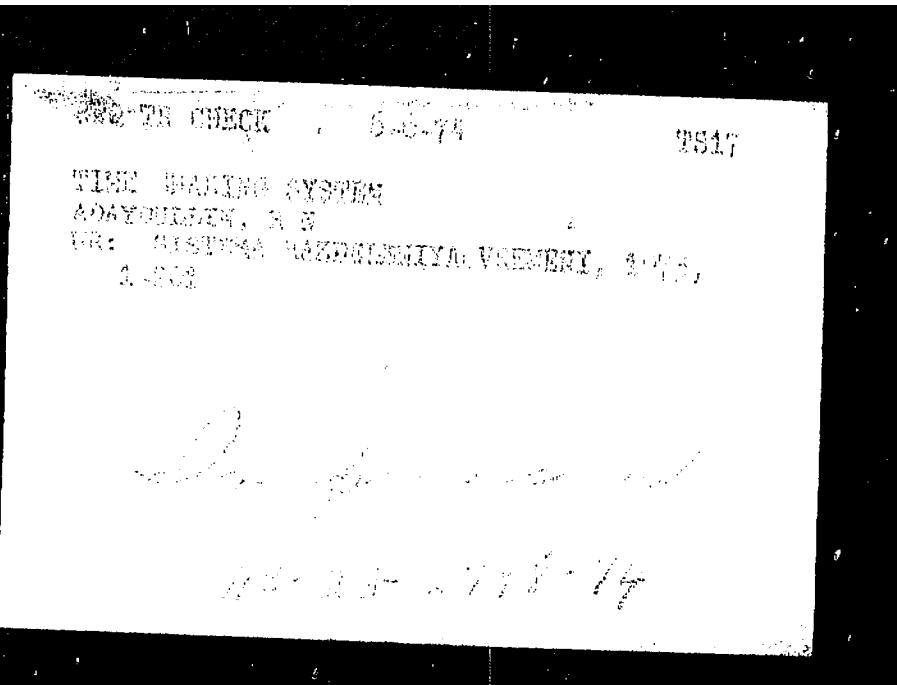
System of Research Methods in Soils Science.  
Sistema metsov issledovaniya v pochvovedeniy.  
Izdatelstvo Nauk, Sibirskoe Otdelenie, Novosibirsk, 1971. 93pp.  
\*NTIS TT 73 52022

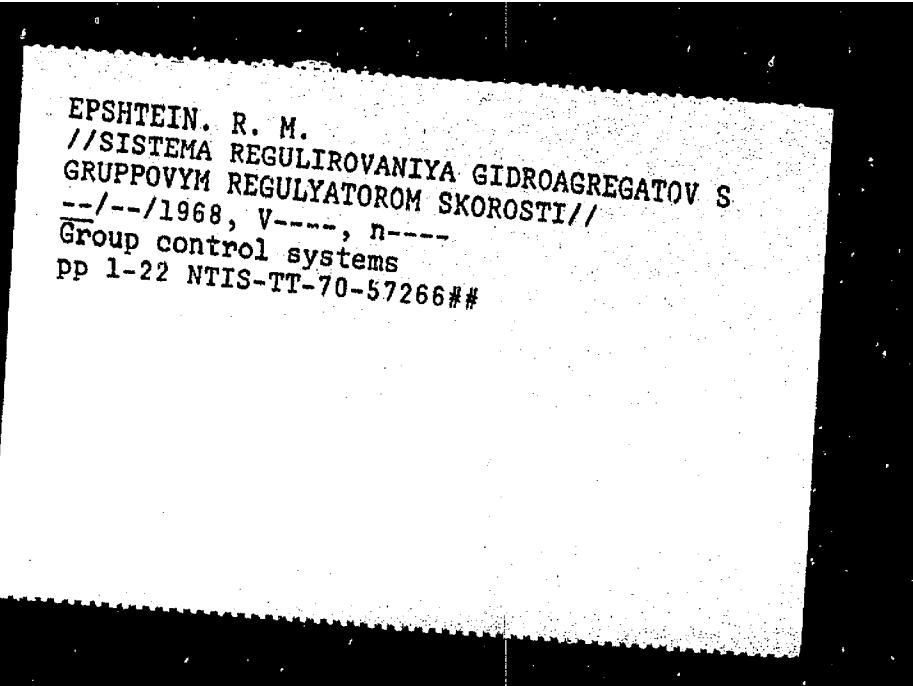
PALUTAN, F.  
//*"SISTEMA PER L'ANALISI ARMONICA DEI SIGNALI CON IL  
CALCOLATORE HP 2116 B"*, NATL. RES. COUNCIL, RES. AND  
TECHNOL. LAB FOR THE STUDY OF PLASMA IN SPACE, ROME, //  
--/07/1972, V----, N----.  
*Signal harmonic analysis using the HP 2116 B computer*, 52  
pp  
pp 72 NASA TT F 15460@0

VOLOBUYEV, V. R.  
//SISTEMA POCHEV MIRA//  
--/--/1973, V----, N----, pp 0001-0308,  
System of World Soils,  
\*NTIS-TT-74-58071

##







EPSHTEIN. R. M.  
//SISTEMA REGULIROVANIYA GIDROAGREGATOV S  
GRUPPOVYM REGULYATOROM SKOROSTI//  
--/-1968, V----, n----  
Group control systems  
PP 1-22 NTIS-TT-70-57266##

EPSHTEIN, R. M.  
//SISTEMA REGULIROVANIYA GIDROAGREGATOV S  
GRUPPOVYM REGULYATOROM SKOROSTI//  
--/-1968, V----, N----  
Speed governor and its use in the group control  
system  
PP 23-34 NTIS-TT-70-57266#

EPSHTEIN. RM.  
//SISTEMA REGULIROVANIYA GIDROAGREGATOV S  
GRUPPOVYM REGULYATOROM SKOROSTI//  
---/---/1968, V----, N----  
Investigation of the block diagrams of  
hydraulic turbine speed governors  
pp 35-79 NTIS-TT-70-57266##

EPSHTEIN. R. M.  
//SISTEMA REGULIROVANIYA GIDROAGREGATOV S  
GRUPPOVYM REGULYATOROM SKOROSTI//  
--/--/1968, V----, N----  
Control system of hydroelectric units with a  
group speed governor  
PP 80-126 NTIS-TT-70-57266#

EPSHTEIN, R. M.  
//SISTEMA TEGULIROVANIYA GIDROAGREGATOV S  
GRUPPOVYM REGULYATOROM SKOROSTI//  
--/---/1968, V----, N----  
Systems with group speed governors in existing  
hydroelectric power plants  
PP 127-136 NTIS-TT-70-57266#

EPSHTEIN. R. M.  
//SISTEMA REGULIROVANIYA GIDROAGREGATOV S  
GRUPPOVYM REGULYATOROM SKOROSTI//  
---/1968, V----, N----  
Testing and setting of systems with group  
speed governors  
pp 137-172 NTIS-TT-70-57266#

ROZHDESTVENSKY, B.L.  
//SISTEMY KVAZILIMBYAYKH URAVNENIY//  
--/--1968, V----,N----  
Systems of Quasilinear,  
C/C, reported 3 June 1973 \*Hindustan Pub. Corp.

PP 359-370--NTC-69-16410-12A  
393-407--NTC-69-16411-20D  
407-435--AEC/UCRL-TR-10446-70 @@

Underwater Search Systems, Instruments and Devices,  
by R. F. Zhukov, A. A. Kondratovich, 141 pp.  
RUSSIAN, bk, Sistemy, Pribory i Ustroystva  
Podvodnogo Poiska, Moscow, 1972, 182 pp.  
JPRS 58916

May 73

KARGE. L. I.  
//SISTEMY UGLOVOY STABILIZATSII KOSMICHESKIKH  
APPARATOV//  
--/-1974, V----, N----  
Spacecraft attitude stabilization systems  
176 pp APL T-2869#  
JHU

Zakharov, V. N.

Control Systems.  
372 pp

SISTEMY UPRAVLENIYA, Moscow, 1972, 344 pp.  
JPRS 60162

REZNIKOV, E. E.  
//SISTEM UPRAVLENIA I PEREDACHI INFORMATSI V  
ELEKTRONNOM SREDSTVE//  
--/-/1986, N-----, N-----,  
Carrier Wave Communications Channels in the Case  
of 220-750 KV Transmission Lines and Bundle Conductors,  
pp 64-77, G. E. Thomas. 245383

Dzhuraev, A.  
SISTEMY URAVNENII SOSTAVNOGO TIPIA (Systems of  
Equations of Composite Type) AN SSSR A N Tadzhikskoi  
SSR Otdel Matematiki s Vychislitel'nym Tsentrrom  
Nauka, Moskva, 1972 227pp Book  
\*IPST 8 May 1973

July 1973

Views and Recommendations Given on Preserva-  
tion of Oil Wealth, 5 pp.  
AL-SIYASAH, Kuwait, 5 Jun 73, pp 2, 11.  
JPRS 59898

Sep 73

Abu 'Adnan Explains Facts of Resistance  
Position in Lebanon, 5 pp.  
AL-SIYASAH, Kuwait, 17 Jun 73, pp 3, 11.  
JPRS 59889

Sep 73

al-Jarallah, Ahmad

Iraq's Regional and International Relations and  
Problems Examined, 12 pp.  
AL-SIYASAH, Kuwait, 14 Aug 73, pp 9, 10.  
JPRS 60059

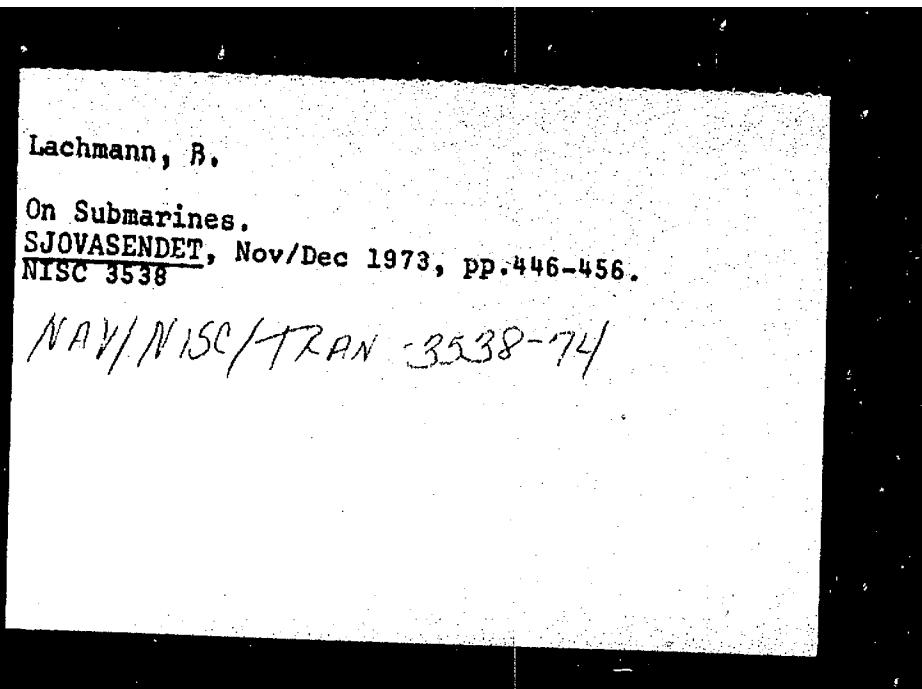
Oct 73

'Umar, 'Ali

Deputies Argue Pros and Cons of Oil Nationalization, 5 pp.

AL-SIYASAH, Kuwait, 18 Dec 73, p 3.  
JPRS 61184

Mar 74



Borovkov, A.A.

Convergence of Random Processes

SKHODIMOST' SLUCHAINYKH PROTSESSOV 1974

\*IPST 20 Aug 1973

GLASS CERAMICS DISCUSSED AT GLASS SYMPOSIUM I  
N BERLIN

BROUKAL, J.

LANGUAGE-CZ COUNTRY-CZ

SKLAR A KERAMIK NO. 10 1965 PP 315-316

FSTC-HT-23-1438-73

FORMANEK, JIRI  
//SKLAR A KERAMIK//  
--/-/1971, V0021, N0003  
New materials for the reinforcement of synthetic  
materials part II glass fibers microspheres  
and whiskers 10 pp  
pp not given ARM/FSTC/HT-23-1384-73  
DISTRIBUTION LIMITED TO US GOVERNMENT AGENCIES  
ONLY##

Horsted, Sv.Aa.  
Greenland's salmon fishery (Laksafiskeriet ved Grönland)  
Skrifter fra Danmarks Fiskeri- og Havundersøgelser, 22:  
1972  
3-9. In Danish.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of  
State of Canada, for Dept. of Environ., FRBG Biol. Sta.,  
St. John's, Nfld., 1973, as Transl. Series No. 2823, 12p.,  
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked

Pytlewski, Zdzislaw

Fire Fighting in an Airplane

8 pp

SKRZYDŁATA POLSKA, No 6, 1970, pp 9

FSTC-HT-23-5-72

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES

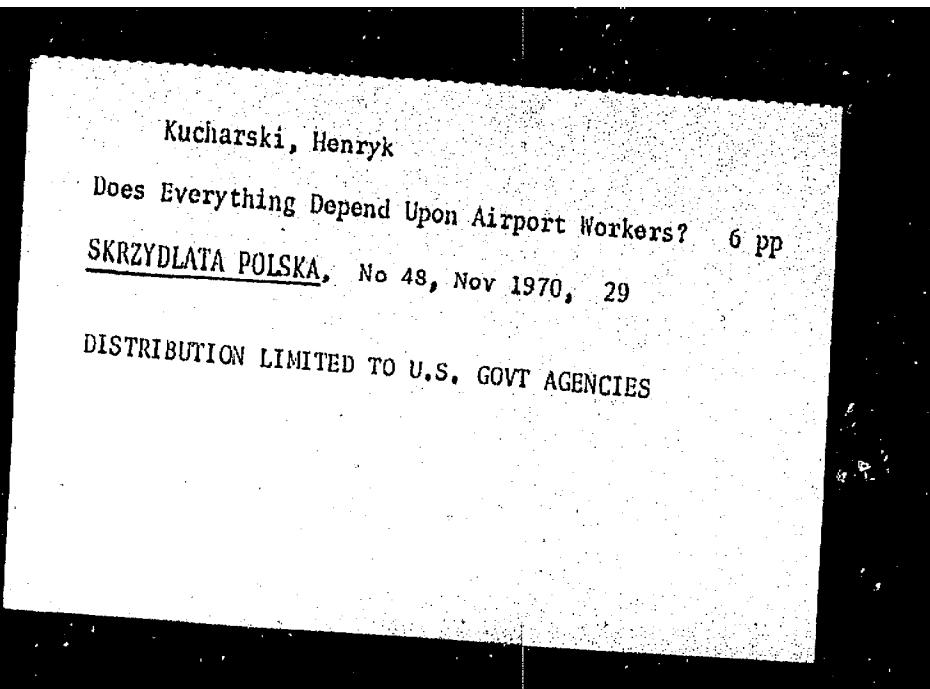
Malinowski, Tadeusz

Alpine Parachuting Contest 10 pp

SKRZYDLATA POLSKA, No 47, 1970

FSTC-HT-23-2-72

DISTRIBUTION LIMITED TO U.S. GOVT AGENCIES



Kesner, Z.

Physical and technological conditions of modeling  
acoustical fields in architectural acoustics  
SLABOPROUDY ODZOR, v. 31, n. 1, 1970, pp. 18-24  
NTC 73-2174-20A  
NTIS N72-32658

Lescincky, M.

Information storage in spiropryrene, using its  
photochromic properties. 9 pp.  
SLABOPROUDY OBZOR, Vol. 31, No. 7, 1970, pp. 308-311  
AIR/FTD/HC-23-1384-72

DISTRIBUTION LIMITED TO U.S. GOV'T AGENCIES ONLY;  
COPYRIGHT INFORMATION; OTHER REQUEST FOR THIS DOCUMENT  
MUST BE REFERRED TO FTD. THE CONTENTS OF THIS DOCUMENT  
ARE SUSPECTED TO BE SUBJECT TO COPYRIGHT PROTECTION.

Stranak, F.

*Distortion of a color-carrier wave by differential gain  
and differential phase in the transmission of a color  
video signal via FM-radio-relay link.*

SLABOPROUDY OBZOR, Vol 32, No 6, 1971, pp 252-253

NTC 73-14385-17B

④  
LONG-DISTANCE FEED, CONTROL AND SIGNALIZATION  
IN RELAY LINES OF MULTICHANNEL SYSTEMS

PAVLICEK, JAROSLAV LANGUAGE-CZ COUNTRY-CZ  
*Comp. Beta off*

SLABORPOUDY OBZOR, #4, 1973, PRAGUE, PP 189-9

1.

FSTC-HT-23-0035-74

CHALCOGENIDE GLASS SEMICONDUCTOR SWITCHING ST  
RUCTURES

KIMEK, ADOLF                    LANGUAGE-CZ                    COUNTRY-CZ

SLABOPROUDY OBZOR 10 1973 PP. 437 THRU 445 (SV.34)

FSTC-HT-23-0913-74

DAYS OF NEW TECHNOLOGY TESLA-VUST 1973

RITTER, RUDOLF      LANGUAGE-CZ      COUNTRY-CZ

SLABOPRUDY OBZOR, 34(1973) #9, 431-436.

FSTC-HT-23-0753-74

Glorious Fifty Years

SLAVONE SAKHARNAYA, No 12, 1972, pp 1-7

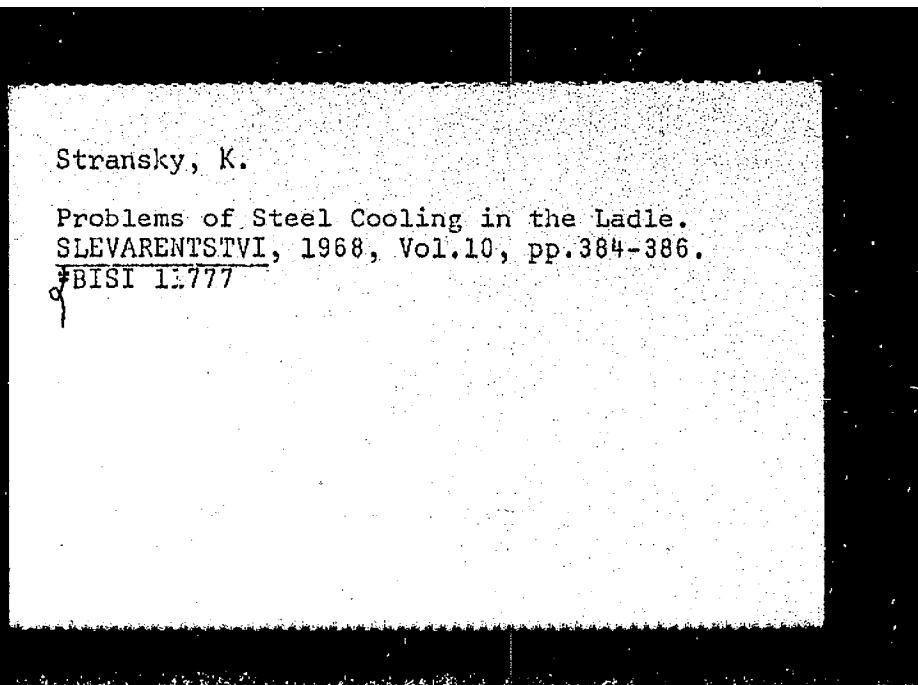
\*NTIS-TT-74-53237

Holecek, S.

Alloying of aluminum and its alloys  
with manganese.

SLEVARENSTVI., v. 10, p. 471-473, 1962  
NTC as 73-10487-11F

may 73



Buzek, Z. et al

Effect of Deoxidation Methods on Mechanical  
Properties, Type and Composition of Sulphide  
Inclusions in Electric Steel For Castings.  
SLEVARENSTVI, 1969, Vol.17, No.10, pp.398-404.  
BISI 8677

Sykora, P.

Austenitic Nodular Cast Irons with 18 to 24% Nickel  
Content

SLEVARENTSTVI, 1971, (7), pp. 287-295  
BISI 9831

Fremunt, P. et al.

The Effect of Vanadium on the Increase in Abrasion  
Resistance of Ledeburitic Chromium Steels

SLEVARENSTVI, 1971, (11), pp 466-470

BISI-10228

Mikulick, M.

Equipments for Ascertaining the Quality of Cast  
Iron by Means of Cooling Curves, Type CE 520.

SLEVARENSTVI, 1971, No.12, pp.486-488.

BISI 10528

Navratil, F.

Technology and Heat Treatment of CrNiMoCu Steel  
for Castings with Increased Carbon Content.

SLEVARENSTVI, 1971, No.12, pp.496-498.

BISI 10529

Levick, P.

Effect of Structural Heterogeneity on the Damping  
of Ultra-Sonic Waves in Thick Walled Steel Castings  
SLEVARÈNSTVI, 1972, No. 4, pp 138-140  
BISI 10654

Kloda, R.

Reversal Casting of Crankshafts.  
SLEVARENSTVI, 1972, Nos.5/6, pp.199-201.  
BISI 11073

Obluk, L.

A New Method of Eliminating Shrinkage Cavities  
and Porosity.

SLEVARENSTVI, 1972, Nos.5/6, pp.217-220.  
BISI 11076

Kastanek, O.

The Effect of Titanium on the Crystallization  
of Alloyed Steels for Casting.  
SLEVARENSTVI, 1972, Nos.5/6, pp.221-223.  
BISI 11045

Brezina, J.

On the Question of Causes of Some Defects Found  
on the Honed Surfaces of Grey Iron Castings.  
SLEVARENSTVI, 1972, Nos.5/6, pp.227-229.  
BISTI 11078